

**Flood Control Project Maintenance**  
**2009 Structure Summary Report**  
**Overall Unit and Item Ratings**

**Butte County Public Works**

**Big Chico Creek Diversion Structure**

Overall Unit Rating	Rated Item	Item Rating
<b>A</b>	Vegetation & Obstructions	A
	Shoaling / Sedimentation	M
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Sluice/Slide Gates	A
	Manual Gate Operators	A
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Closure Structures	A
	Monolith Joints	A

**Lindo Channel Control Structure**

Overall Unit Rating	Rated Item	Item Rating
<b>A</b>	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	A
	Culverts: Breaks / Holes / Cracks	A
	Sluice/Slide Gates	A
	Manual Gate Operators	A
	Concrete Surfaces	A
	Concrete Tilting / Settlement	M
	Concrete Foundations	A
	Security Fencing	A
	Closure Structures	A
	Monolith Joints	A

**Lindo Channel Diversion Weir**

Overall Unit Rating	Rated Item	Item Rating
<b>A</b>	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	M
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	A
	Monolith Joints	A

**Flood Control Project Maintenance****Unit Cover Sheet****2009 Structure Inspection Results****Butte County Public Works**

Structure
Big Chico Creek Diversion Structure

Structure Rating	<b>A</b>
Date of Inspection	<b>8/12/2009</b>
DWR Inspector	<b>Bob Duffey</b>
Accompanied By	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2009**

**Butte County Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Big Chico Creek Diversion Structure		08/12/2009 08/12/2009	Bob Duffey

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue No.
	Start	End						Start	End		
1	0.00	0.00	Structures	Vegetation & Obstructions		A		° °	° °	Y °	1
2	0.00	0.00	Structures	Shoaling / Sedimentation		M		° °	° °	° °	2
3	0.00	0.00	Structures	Erosion / Bank Caving		A		° °	° °	° °	3
4	0.00	0.00	Structures	Revetments		A		° °	° °	° °	4
5	0.00	0.00	Structures	Encroachments		A		° °	° °	° °	5
6	0.00	0.00	Structures	Culverts: Inlets / Outlets		N		° °	° °	° °	6
7	0.00	0.00	Structures	Culverts: Breaks / Holes / Cracks		N		° °	° °	° °	7
8	0.00	0.00	Structures	Metal Pipes		N		° °	° °	° °	8
9	0.00	0.00	Structures	Trash Racks		N		° °	° °	° °	9
10	0.00	0.00	Structures	Flap Gates		N		° °	° °	° °	10
11	0.00	0.00	Structures	Sluice/Slide Gates		A		° °	° °	° °	11
12	0.00	0.00	Structures	Electric Gate Operators		N		° °	° °	° °	12
13	0.00	0.00	Structures	Manual Gate Operators		A		° °	° °	° °	13
14	0.00	0.00	Structures	Concrete Surfaces		A		° °	° °	° °	14
15	0.00	0.00	Structures	Concrete Tilting / Settlement		A		° °	° °	° °	15
16	0.00	0.00	Structures	Concrete Foundations		A		° °	° °	° °	16
17	0.00	0.00	Structures	Security Fencing		N		° °	° °	° °	17

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
PO : Partially Obstructing  
CO : Completely Obstructing  
N : Not Inspected

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2009**

**Butte County Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Big Chico Creek Diversion Structure		08/12/2009 08/12/2009	Bob Duffey

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue No.
	Start	End						Start	End		
18	0.00	0.00	Structures	Closure Structures		A		° °	° °		18
19	0.00	0.00	Structures	Trash Rakes		N		° °	° °		19
20	0.00	0.00	Structures	Other Metallic Items		N		° °	° °		20
21	0.00	0.00	Structures	Monolith Joints		A		° °	° °		21
22	0.00	0.00	Structures	Safety		N		° °	° °		22

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
PO : Partially Obstructing  
CO : Completely Obstructing  
N : Not Inspected

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2009**

**Butte County Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Big Chico Creek Diversion Structure		08/12/2009 08/12/2009	Bob Duffey

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Vegetation & Obstructions

View of the upstream side of the structure.

rduffey\_20080917\_29.jpg



Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Vegetation & Obstructions

Downstream at discharge end of the structure from the right bank.

rduffey\_20080917\_30.jpg



**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
PO : Partially Obstructing  
CO : Completely Obstructing  
N : Not Inspected

**Flood Control Project Maintenance****Unit Cover Sheet****2009 Structure Inspection Results****Butte County Public Works**

Structure
Lindo Channel Control Structure

Structure Rating	<b>A</b>
Date of Inspection	<b>8/12/2009</b>
DWR Inspector	<b>Bob Duffey</b>
Accompanied By	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2009**

**Butte County Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Control Structure			Bob Duffey

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue No.
	Start	End						Start	End		
1	0.00	0.00	Structures	Vegetation & Obstructions		A		°	°	Y	1
2	0.00	0.00	Structures	Shoaling / Sedimentation		A		°	°		2
3	0.00	0.00	Structures	Erosion / Bank Caving		A		°	°		3
4	0.00	0.00	Structures	Revetments		A		°	°		4
5	0.00	0.00	Structures	Encroachments		A		°	°		5
6	0.00	0.00	Structures	Culverts: Inlets / Outlets		A		°	°		6
7	0.00	0.00	Structures	Culverts: Breaks / Holes / Cracks		A		°	°		7
8	0.00	0.00	Structures	Metal Pipes		N		°	°		8
9	0.00	0.00	Structures	Trash Racks		N		°	°		9
10	0.00	0.00	Structures	Flap Gates		N		°	°		10
11	0.00	0.00	Structures	Sluice/Slide Gates		A		°	°		11
12	0.00	0.00	Structures	Electric Gate Operators		N		°	°		12
13	0.00	0.00	Structures	Manual Gate Operators		A		°	°		13
14	0.00	0.00	Structures	Concrete Surfaces		A		°	°		14
15	0.00	0.00	Structures	Concrete Tilting / Settlement		M		°	°		15
16	0.00	0.00	Structures	Concrete Foundations		A		°	°		16
17	0.00	0.00	Structures	Security Fencing		A		°	°		17

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
PO : Partially Obstructing  
CO : Completely Obstructing  
N : Not Inspected

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2009**

**Butte County Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Control Structure			Bob Duffey

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue No.
	Start	End						Start	End		
18	0.00	0.00	Structures	Closure Structures		A		°	°		18
								°	°		
19	0.00	0.00	Structures	Trash Rakes		N		°	°		19
								°	°		
20	0.00	0.00	Structures	Other Metallic Items		N		°	°		20
								°	°		
21	0.00	0.00	Structures	Monolith Joints		A		°	°		21
								°	°		
22	0.00	0.00	Structures	Safety		N		°	°		22
								°	°		

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
PO : Partially Obstructing  
CO : Completely Obstructing  
N : Not Inspected



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2009**

**Butte County Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Control Structure			Bob Duffey

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Vegetation & Obstructions

View of the upstream side of structure.

rduffey\_20080917\_27.jpg



Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Vegetation & Obstructions

View of the downstream side of structure.

rduffey\_20080917\_28.jpg



**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
PO : Partially Obstructing  
CO : Completely Obstructing  
N : Not Inspected

**Flood Control Project Maintenance****Unit Cover Sheet****2009 Structure Inspection Results****Butte County Public Works**

Structure
Lindo Channel Diversion Weir

Structure Rating	<b>A</b>
Date of Inspection	<b>8/12/2009</b>
DWR Inspector	<b>Bob Duffey</b>
Accompanied By	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2009**

**Butte County Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Diversion Weir			Bob Duffey

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue No.
	Start	End						Start	End		
1	0.00	0.00	Structures	Vegetation & Obstructions		A		°	°	Y	1
2	0.00	0.00	Structures	Shoaling / Sedimentation		A		°	°		2
3	0.00	0.00	Structures	Erosion / Bank Caving		A		°	°		3
4	0.00	0.00	Structures	Revetments		A		°	°		4
5	0.00	0.00	Structures	Encroachments		M		°	°		5
6	0.00	0.00	Structures	Culverts: Inlets / Outlets		N		°	°		6
7	0.00	0.00	Structures	Culverts: Breaks / Holes / Cracks		N		°	°		7
8	0.00	0.00	Structures	Metal Pipes		N		°	°		8
9	0.00	0.00	Structures	Trash Racks		N		°	°		9
10	0.00	0.00	Structures	Flap Gates		N		°	°		10
11	0.00	0.00	Structures	Sluice/Slide Gates		N		°	°		11
12	0.00	0.00	Structures	Electric Gate Operators		N		°	°		12
13	0.00	0.00	Structures	Manual Gate Operators		N		°	°		13
14	0.00	0.00	Structures	Concrete Surfaces		A		°	°		14
15	0.00	0.00	Structures	Concrete Tilting / Settlement		A		°	°		15
16	0.00	0.00	Structures	Concrete Foundations		A		°	°		16
17	0.00	0.00	Structures	Security Fencing		A		°	°		17

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
PO : Partially Obstructing  
CO : Completely Obstructing  
N : Not Inspected

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2009**

**Butte County Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Diversion Weir			Bob Duffey

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue No.
	Start	End						Start	End		
18	0.00	0.00	Structures	Closure Structures		N		° °	° °		18
19	0.00	0.00	Structures	Trash Rakes		N		° °	° °		19
20	0.00	0.00	Structures	Other Metallic Items		N		° °	° °		20
21	0.00	0.00	Structures	Monolith Joints		A		° °	° °		21
22	0.00	0.00	Structures	Safety		N		° °	° °		22

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
PO : Partially Obstructing  
CO : Completely Obstructing  
N : Not Inspected

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2009**

**Butte County Public Works**

Structure	Structure Length	Inspection Start/End	Inspector
Lindo Channel Diversion Weir			Bob Duffey

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Vegetation & Obstructions
Upstream side of the structure from the left bank.	
rduffey_20080917_25.jpg	



Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Vegetation & Obstructions
The velocity dissipaters on the downstream side of structure from the left bank.	
rduffey_20080917_26.jpg	

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
PO : Partially Obstructing  
CO : Completely Obstructing  
N : Not Inspected